



# Making the Move to a Network Centric Army





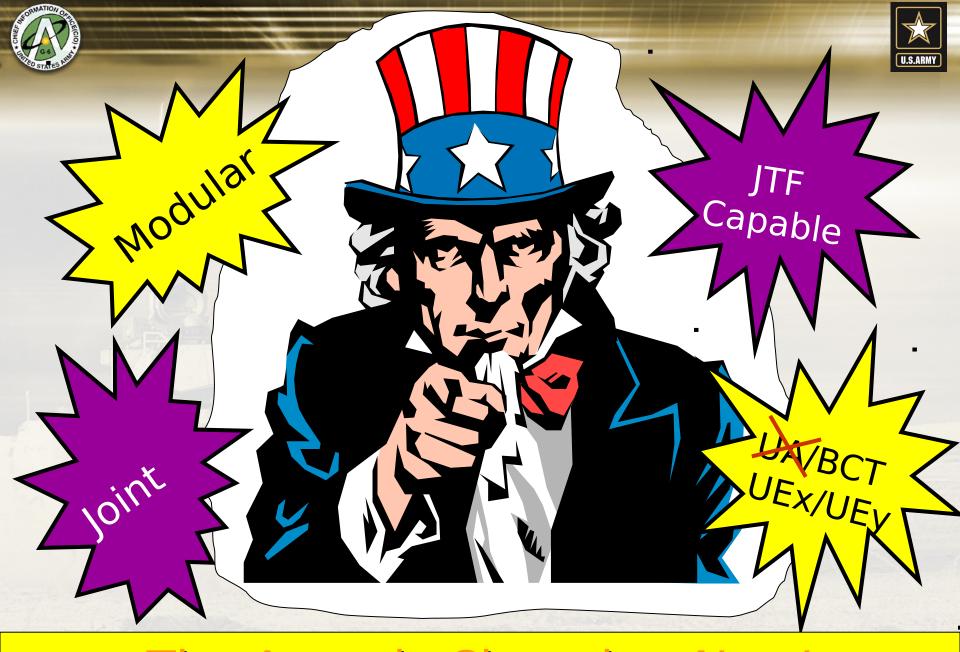
# Immediate Progress



# April to August 2004,

Our Army contracted and is now delivering a new Networking capability that will help <u>Transform</u> Deploying units into....

NetCentric, Modular, Unit's of Employment and Brigade Combat Teams!!



The Army is Changing Now!

OTICTICO



# everaging





2006-2014

**Advanced Technologies** 

OIP Dynamic IP PRIVIPE OF TO

- SMART-T
- **BFT**
- Trojan Spirit
- CSS

- Advanced EHF
- Multi-User **Objective System** (MUOS)
- Transformational **Communications** System (TCS)

**USAR** - acquired

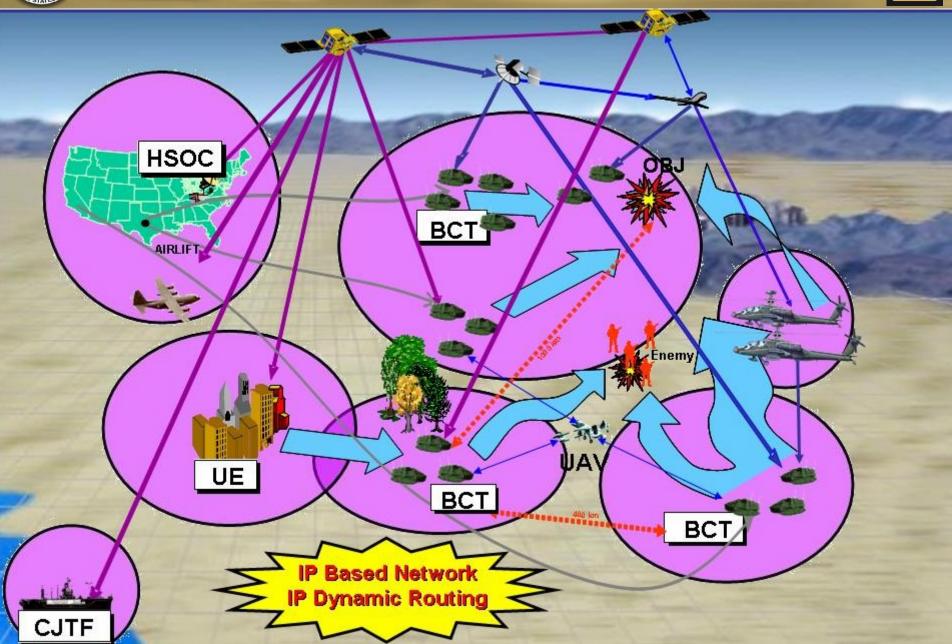
- Data Packages
- USC-60's

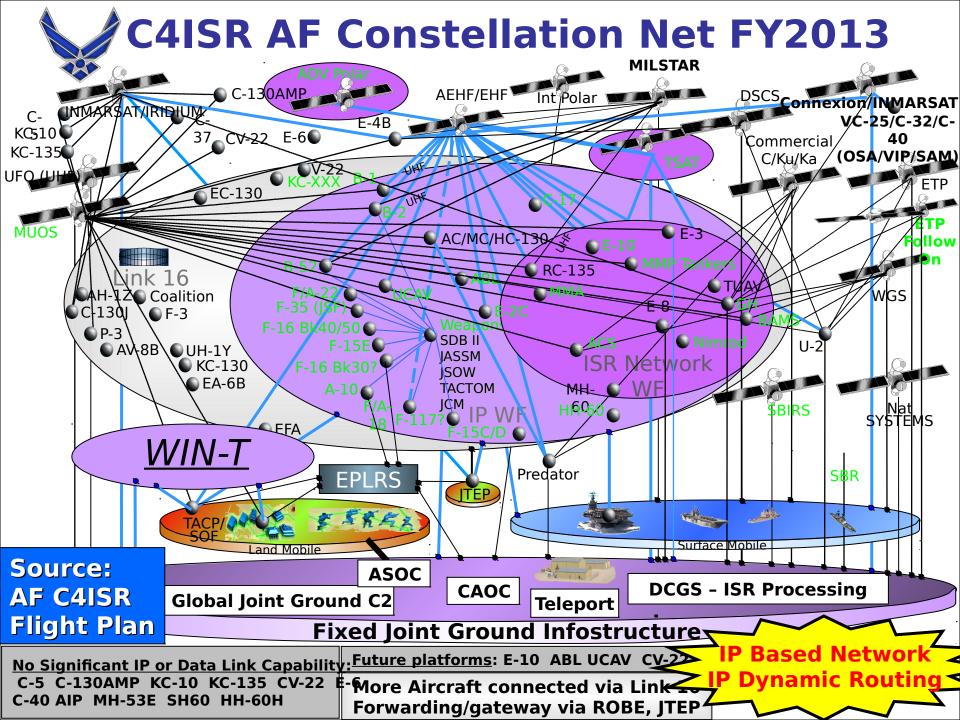
**Commercial SATCOM Wide Band Gapfiller System** WGS)



# LandWarNet - FY20XX









# INTC-S Network

omnonents



**Strategic** 

LOGISTICS IS UNCLASS

Commercial KU **SATCOM** 

**Commercial Lines** 

**Commercial SATCOM Facility** 

GIG/DISN\_

UEy/UEx/BCT (40 Ku VSATs 3 ID)

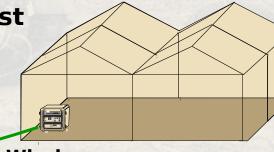


**SARRS ULS SAMS** Etc.

Wireless

INMARSAT Terminals used as part of AISS Business Network for contingency of

**Battalion Command Post** 



**SARRS ULS SAMS** 

JNTC - S1



Wireless CAISI



# JNTC-S Network



Strategic Components

Commercial KU SATCOM

09/13/16

**Commercial Lines** 

**Commercial SATCOM Facility** 

Trojan Spirit
Network Control
Center

UEy/UEx/BCT (6 for 3 ID)

One Trojan on KU Bang Proof of Principle

**Battalion Command Post in RSTA** 

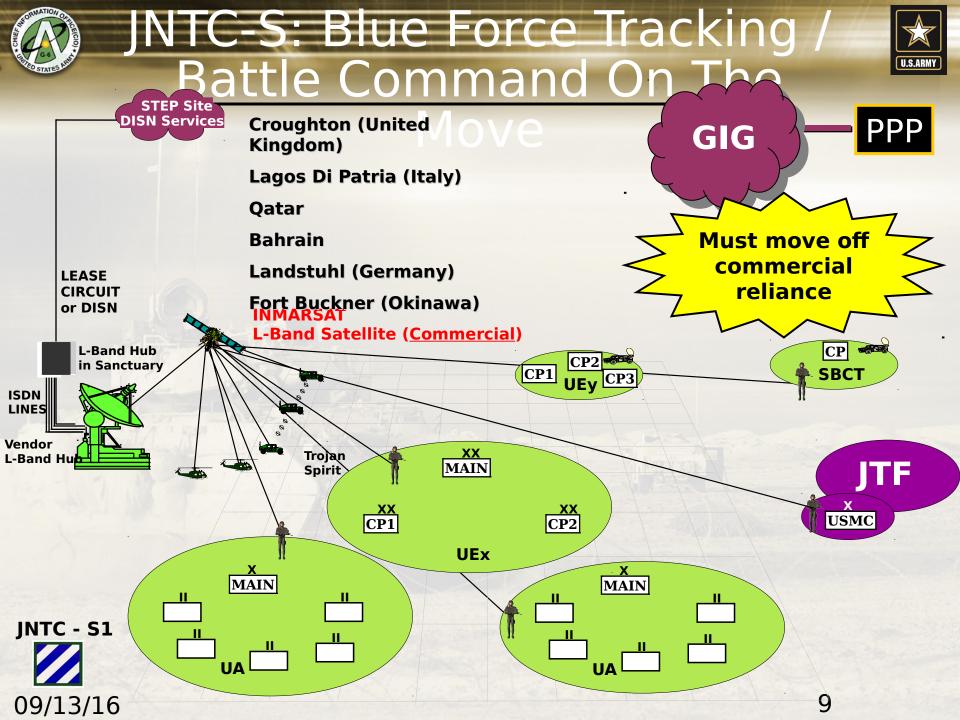
JNTC - S1 TS/SCI

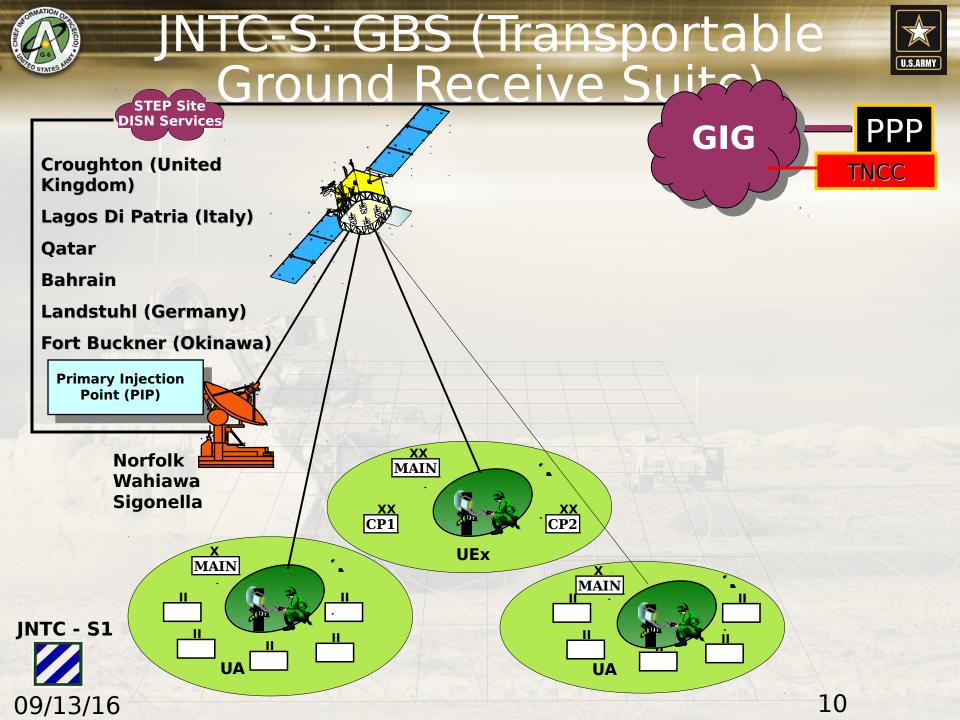


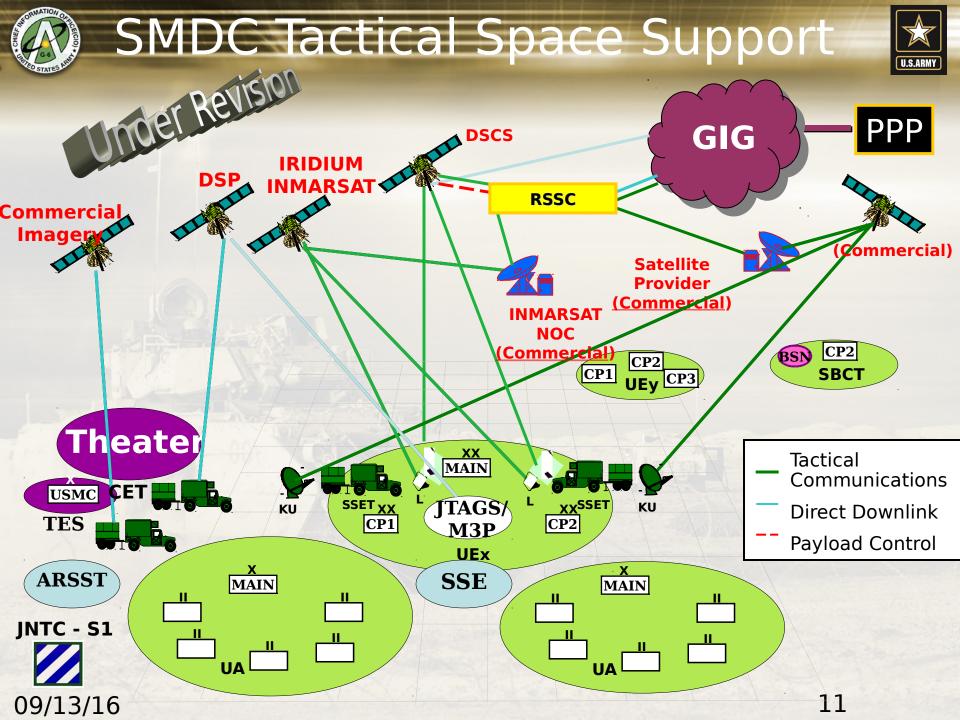
JNN Provides Transport
Only Services to
TS/SCI Networks
At the BCT

TS/SCI

8



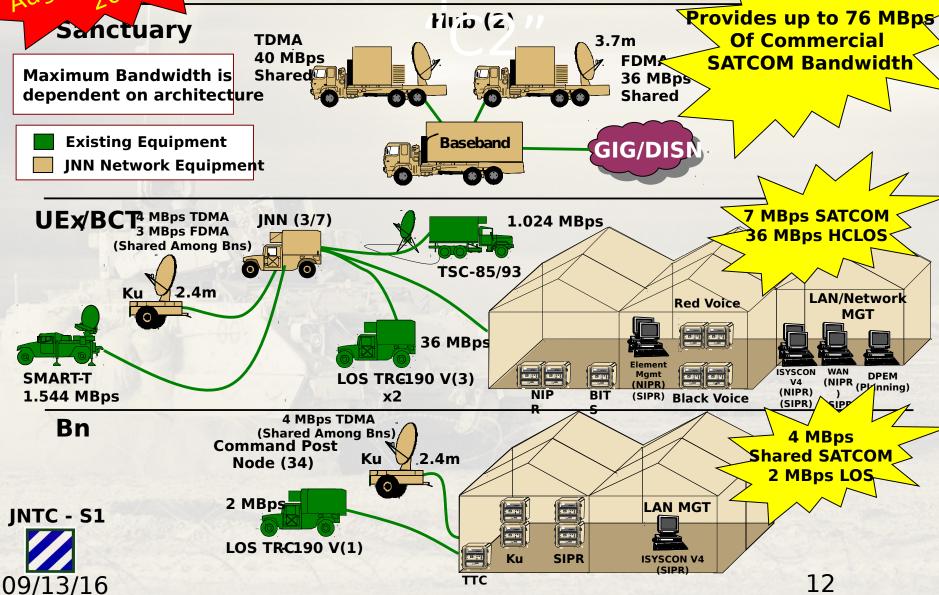


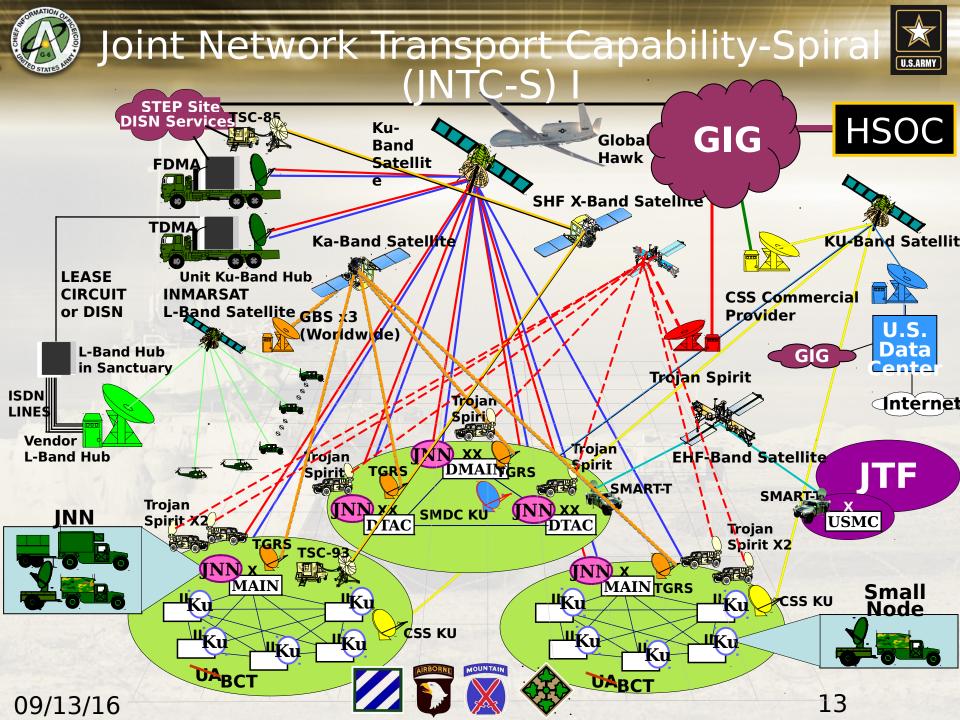


Delivering Delivering August-November 2004!

# JNTC-S Network Components









Ku Trailer Operator

#### Schoolhouse:

 \$9 Million applied to future training



### JNTC-S1 is being delivered TODAY!

09/13/16









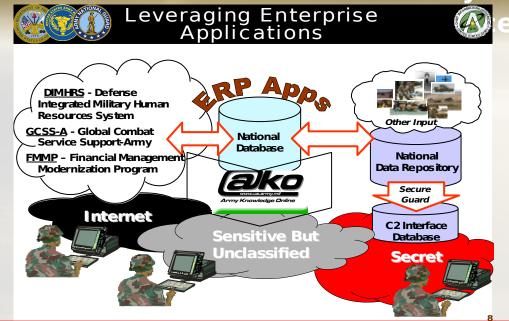


It's About **Net Centric Enterprise** SEMICE RDF

## Army Knowledge Online









#### Supporting the Global War on Terrorism\_\_\_

- Universal Secure Access to Information (NIPR/SIPR)
- Force Development & Protection thru Knowledge

#### **Sharing and Collaboration:**

- RC Mobilization / Training and Lessons Learned
- Arab Translators, USAR, NG, CID
- HUMINT Search Engine / J-2 Intel Updates

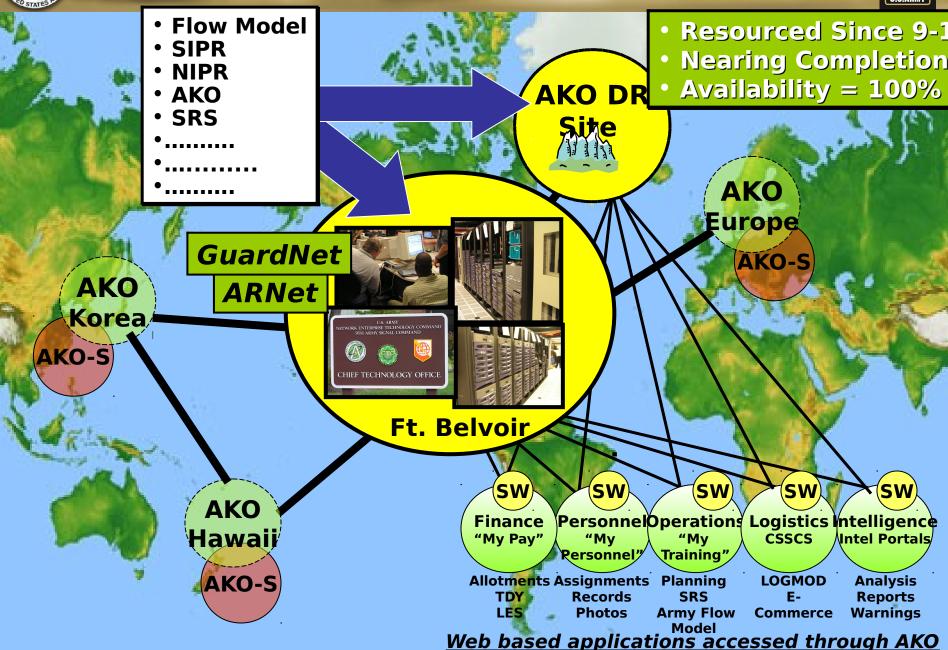
# <u>Supporting the Army's Business</u> <u>Areas</u>

- Access to Business Systems (e.g., DIMHRS)
- Single Sign-On / Authentication to functional domain information
- Secure sites for Family Readiness
  Groups
- Self-Service Information 24x7: Medical Readiness Personnel Records



### AKO - A Global Perspective







## Take Away's



- The Army is fielding advanced "Joint Interdependent" networking capabilities NOW
- Army and Joint networks moving to IP based, IP Dynamic Routing – Joint Architecture
- Leveraging Commercial Technology - JNTC preparing to transition to WIN-T - - FCS
- AKO is a Core Warfighting



